



SERVICE TECHNICIAN AUTOMOTIVE REPAIR PROGRAM

FAST EDDIE'S AUTOMOTIVE TECH TRAINING

**STARPro** 

### Our Purpose

Our purpose is to mitigate recidivism by addressing the employment needs of formerly incarcerated individuals. We focus on pre-released and post released participants to provide a "work ready" vocational training course in the auto service and repair industry.



### TRAINING CURRICULUM

- The ALLDATA Training Garage provides comprehensive web-based training, available 24/7.
- 12-Interactive, self-paced learning modules. Each module combines videos, photos, animation, and interactive simulations, and a final test.
- Students who take courses and pass proficiency tests earn completion certificates.
- Auto Service Excellence (ASE) Entry-Level certification tests are designed to indicate a satisfactory level of practical knowledgebased readiness for the workforce in candidates seeking a career in the automotive service industry.





### Module 1: <u>Basic Automotive</u> <u>Terminology</u>

Students will learn basic automotive terminology, safety procedures, safety entire and equipment location. Proper hazardous waste handling and disposal. Tool and equipment identification



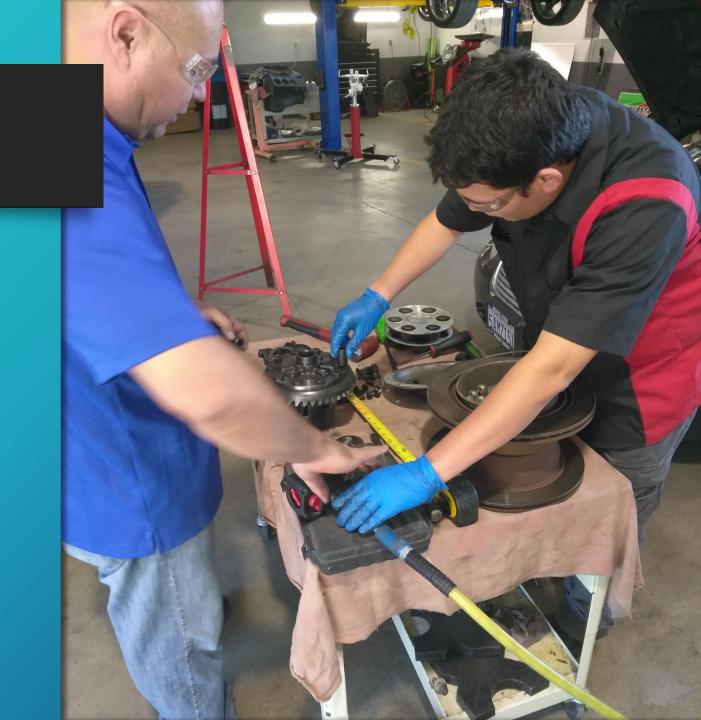


### **Module 2: Automotive Anatomy**

Students will learn automotive anatomy, the fundamentals of automotive meters, testers, analyzers, and diagnosis. Appropriate work habits and attitudes.

### Module 3: <u>Basic Automotive</u> <u>Maintenance</u>

Students are instructed on basic auto maintenance, automotive fluids, under the hood, behind the wheel, and under the vehicle.



Module 4: <u>Automotive</u> <u>Engines & Repair</u>

Students are introduced to engine fundamentals, engine blocks and internal components, camshafts, cylinder heads and valves.



### Module 5: Professional Service Writing

Introduction to financial management, scheduling, estimate and invoice preparation, parts inventory management, customer service, sales, conflict resolution, and how to build customer loyalty.



### Module 6: Brakes

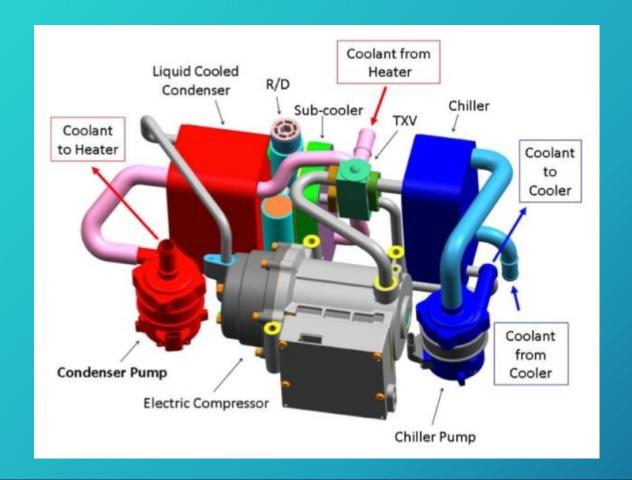
Introduction to braking system components, hydraulic system repair, machining rotors and drums, tire rotation, repair and replacement.





### Module 7: Electronic Technology

Electrical theory, electrical circuits, electrical components, electrical schematics, battery theory, starting system theory, charging system theory, and computer system fundamentals.

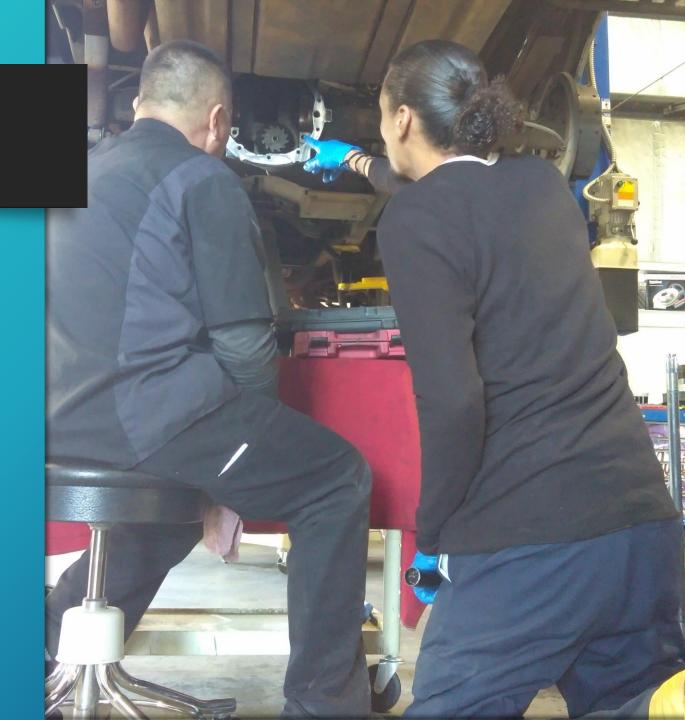


#### **Module 8: Climate Control**

Introduction to HVAC, heating and ventilation, air conditioning, HVAC service, advance HVAC systems ad controls, advanced air conditioning system diagnosis.

# Module 9: <u>Drivability & Emissions</u>

Steering and suspension; tires and wheels, steering system operation, and wheel alignment. Intro to exhaust systems and service, automotive fuel, induction systems, carburetor fundamentals, fuel injection system theory, ignition system fundamental.









### Module 10: Advance Diagnostic Systems

Introduction to ALLDATA Diagnostic Systems, Identifix, Mitchell1 software systems. Introduction to basic computer software components.

## Module 11: Power & Performance

Students are introduced to engine performance specialty tools, automatic transmission 1, automatic transmission 2, manual transmission and drive train.



# Module 12: <u>Business</u> Building

Advance to selling service, preparing for successful service, closing the sale and delivery, expanding your customer base, effective marketing and advertising, and financial reports.



### Automotive Service Technician Certificate

### Lube Tech

- 1. Maintenance Automotive Fluids
- 2. Maintenance Under Hood
- 3. Maintenance Behind the Wheel
- 4. Maintenance Under Car
- 5. Engine Lubrication and Cooling
- 6. Engine Cooling Diagnosis and Inspection
- 7. Engine Lubrication System Diagnosis and Inspection



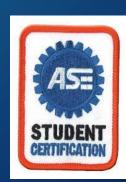
### **Brake Tech**

- 1. Introduction to Base Brakes
- 2. Brake System Operating Components
- 3. Base Brake Components
- 4. Apply/Assist System Repair
- 5. Hydraulic System Repair
- 6. Brakes ABS Controls Simulation 1
- 7. Brake Pedal Diagnosis

## 90 Day Certificate Work Ready!

### Service Writer

- 1. Customer Follow-up & Going Forward
- 2. Introduction to Selling Service
- 3. Scheduling Basics
- 4. Verbal & Non Verbal Communication
- 5. Closing the Sale and Delivery
- **6.**Customer Objections
- 7. Shop Management Software
- 8. Conflict Resolution

















**Employers and Apprentice Facilities**